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Approved for use through 07/31/2003 OMB 0851-0032
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UTILITY PATENT APPLICATION TRANSMITTAL (Only for new nonprovisional applications under 37 CFR 1.53(b))	Attorney Docket No.	TI-37133
	First Name Inventor or Application Identifier	
	Chen et al.	
	Title	Method To Form Shallow Trench Isolation With Rounded Upper Corner For Advanced Semiconductor Circuits
Express Mail Label No.		EV333319807US

APPLICATION ELEMENTS See MPEP Chapter 600 concerning utility patent application contents		ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450	
1. <input checked="" type="checkbox"/> Free Transmittal Form (e.g., PTO/SB/17) (Submit an original, and a duplicate for fee processing)	(Total Pages) 15	6. <input type="checkbox"/> Microfiche Computer Program (Appendix)	
2. <input checked="" type="checkbox"/> Specification (preferred arrangement set forth below)		7. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)	
- Descriptive title of the Invention		a. <input type="checkbox"/> Computer Readable Copy	
- Cross References to Related Applications		b. <input type="checkbox"/> Paper Copy (identical to computer copy)	
- Statement Regarding Fed sponsored R&D		c. <input type="checkbox"/> Statement verifying identical of above copies	
- Reference to Microfiche Appendix			
- Background of the Invention			
- Brief Summary of the Invention			
- Brief Description of the Drawings (if filed)			
- Detailed Description			
- Claim(s)			
- Abstract of the Disclosure			
3. <input checked="" type="checkbox"/> Drawing(s) (35 USC d113)	(Total Sheets) 4	ACCOMPANYING APPLICATION PARTS	
4. Oath or Declaration (unsigned)	(Total Pages) 2	8. <input type="checkbox"/> Assignment Papers (cover sheet & Document(s))	
a. <input checked="" type="checkbox"/> Newly Executed (original or copy)		9. <input type="checkbox"/> 37 CFR §3.73(b) Statement (when there is an assignee)	<input checked="" type="checkbox"/> Power of Attorney
b. <input type="checkbox"/> Copy from a prior application (37 CFR §1.63(d)) (for continuation/divisional with Box 17 completed)		10. <input type="checkbox"/> English Translation Document (if applicable)	
[Note Box 5 below]		11. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449	<input checked="" type="checkbox"/> Copies of IDS Citations
i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR §1.63(d)(2) and 1.33(b).		12. <input checked="" type="checkbox"/> Preliminary Amendment	
5. <input type="checkbox"/> Incorporation By Reference (useable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.		13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)	
		14. <input type="checkbox"/> Small Entity Statement(s)	<input type="checkbox"/> Statement filed in prior application Status still proper and desired
		15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)	
		16. <input type="checkbox"/> Other:	

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment:
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No:
 Prior application information: Examiner: Group / Art Unit:

18. CORRESPONDENCE ADDRESS	
<input checked="" type="checkbox"/> Customer Number or Bar Code Label	23494 or ___ Correspondence address below
NAME	Texas Instruments Incorporated
ADDRESS	
CITY	STATE
COUNTRY	ZIP CODE
TELEPHONE	FAX
972-917-5355	972-917-4418

Name (Print/Type)	Yingsheng Tung	Registration No. (Attorney/Agent)	52,305
Signature	<i>Yingsheng Tung</i>	Date	10-23-03

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FEE TRANSMITTAL

Patent fees are subject to annual revision on October 1.
These are the fees effective October 1, 1997.
Small Entity payments must be supported by a small entity statement,
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.

Complete If Known

Application Number **TBD**
Filing Date **Herewith**
First Named Inventor **Chen et al.**
Examiner Name **TBD**
Group / Art Unit **TI-37133**
Attorney Docket No.

TOTAL AMOUNT OF PAYMENT (\$)**986.00**

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge to the following Deposit Account.

Deposit Account Number **20-0668**
Deposit Account Name **Texas Instruments Incorporated**

☐ Charge any additional fee required or credit any overpayment ☒ Charge all indicated fees and any additional fee required or credit any overpayment

2. ☐ Payment Enclosed:

☐ Check ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	790	201	395	Utility filing fee	\$770
106	330	206	165	Design filing fee	\$0
107	540	207	270	Plant filing fee	\$0
108	790	208	395	Reissue filing fee	\$0
114	150	214	75	Provisional filing fee	\$0
SUBTOTAL (1)					\$770

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
32	20** = 12	18	216
Independent Claims	3	3** = 0	0
Multiple Dependent		270	0

**or number previously paid, if greater. For Reissue, see below

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	22	203	11	Claims in excess of 20
102	82	202	41	Independent Claims in excess of 3
104	270	204	135	Multiple dependent claims in excess of 3
109	82	209	41	**Reissue Independent claims over original patent
110	22	210	11	**Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)				\$216

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension of time within second month	
117	950	217	475	Extension of time within third month	
118	1,510	218	755	Extension of time within fourth month	
128	2,060	228	1,030	Extension of time within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,320	241	660	Petition to revive - unintentional	
142	1,320	242	660	Utility issue fee (or reissue)	
143	450	243	225	Design issue fee	
144	670	244	335	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt.	
581	40	581	40	Recording each patent assignment per properly (time number of properties)	
146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))	
149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))	
SUBTOTAL (3)					0

Other fee (specify)

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) 0

SUBMITTED BY

Typed or Printed Name

Signature

Yingsheng Tung

Date

10-23-03

Complete (if applicable)

Reg. Number

52,305

Deposit Account User ID

Burden Hour Statement: This form is estimated to take 20 minutes to complete. The fee will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO Assistant Commissioner for Patents, Washington, DC 20231.